(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 15 April 2004 (15.04.2004)

PCT

(10) International Publication Number WO 2004/030697 A1

- (51) International Patent Classification⁷: A61K 39/395, 39/17, 38/46, A61P 35/00 // C07K 16/28, 16/40, 14/705, C12N 9/16
- (21) International Application Number:

PCT/EP2003/050666

(22) International Filing Date:

29 September 2003 (29.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 02022227.9

2 October 2002 (02.10.2002) E

- (71) Applicant (for all designated States except US): AP-PLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, NL- Curacao (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HOOFT VAN HUI-JSDUIJNEN, Rob [CH/CH]; Chemin de la Lechaire 27, CH-1233 Bernex (CH). WALCHLI, Sebastien [CH/NO]; Stensgata 36A, N-0358 Oslo (NO).
- (74) Agent: SERONO INTERNATIONAL SA; Intellectual Department, 12 Chemin des Aulx, CH-1228 Plan-les-Ouates (CH).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: USE OF PROTEIN TYROSINE PHOSPHATASE INHIBITORS FOR PREVENTION AND/OR TREATMENT OF CANCER

(57) Abstract: The invention relates to the use of cross-linker of a protein tyrosine phosphatase (PTP), in particular Sap-1, in the preparation of a medicament for treatment and/or prevention of cancer.

